

**DIVISION OF ENVIRONMENTAL HEALTH  
SOLID WASTE PROGRAM  
410 WILLOUGHBY AVE., SUITE 303  
JUNEAU, AK 99801  
<http://www.state.ak.us/dec/deh>**

**Telephone: (907) 465-5162  
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June 21, 2002

CERTIFIED MAIL

Mr. Dale Smith  
City Administrator  
City of Mekoryuk  
P.O. Box 29  
Mekoryuk, AK 99630

RE: Solid Waste Disposal Permit, Mekoryuk Sewage Solids Monofill  
Permit No. 0225-BA002

Dear Mr. Smith:

The Department of Environmental Conservation (ADEC) has completed its evaluation of your request to issue a solid waste disposal permit for the Mekoryuk Sewage Solids Monofill. The Department issues permit 0225-BA002 in accordance with AS 46, 18 AAC 15, and 18 AAC 60. Please review the conditions and stipulations in the permit and ensure people who conduct waste disposal operations understand them. This permit is effective upon issuance and expires **June 21, 2007**.

You requested waivers from three different regulatory requirements. These waivers are addressed individually in Appendix B.

Any person who disagrees with this decision may request an adjudicatory hearing in accordance with 18 AAC 15.200-310. Hearing requests must be delivered to the Commissioner of the Department of Environmental Conservation, 555 Cordova, Anchorage, Alaska 99501, within 30 days of receipt of this letter. If a hearing is not requested within 30 days, the right to appeal is waived. Even if an adjudicatory hearing has been requested and granted, all permit conditions remain in full force and effect.

Sincerely,

Heather T. Stockard  
Solid Waste Program Manager

Enclosure: Permit # 0225-BA002

## **APPENDIX A - SPECIFIC CONDITIONS**

### **I. APPLICATION COMPLIANCE**

The permittee shall comply with all State regulations when performing operations at this facility.

The following documents are incorporated as part of the permit:

- A. April 4, 2002 Permit Application Package.
- B. June 6, 2002 Faxed Design Addendum

If anything in the aforementioned documents conflict with requirements of Appendix A, Appendix C, or State laws, then the requirements of Appendix A, Appendix C and State laws take precedence.

### **II. SITE PREPARATION**

The permittee shall install and maintain a facility entrance sign that identifies:

Facility Name  
Owner/Operator Name  
Hours of Operation  
Emergency Phone Numbers

### **III. SITE OPERATION**

The permittee shall:

- A. Prevent people from discharging firearms within the facility.
- B. Report to the Department hazardous substance spills and other incidents, such as hazardous materials delivered to the site or improperly bagged asbestos left on site.
- C. Ensure that final slopes on the landfill are no steeper than 3 horizontal to 1 vertical.
- D. Maintain permanent boundary location markers so that the waste cell(s) location can be determined.
- E. Maintain a minimum horizontal separation distance of 100 feet from the boundaries of a disposal cell to any surface water body or private drinking water well, and 200 feet to any public drinking water well.

- F. Prohibit disposal of: municipal solid waste, construction/demolition debris, oily wastes, regulated asbestos containing material, medical waste, hazardous wastes as defined in 40 CFR 261, pesticides, radioactive materials, lead-acid batteries, and polychlorinated biphenyl fluids.

#### IV. MONITORING, RECORDKEEPING, AND CORRECTIVE ACTION

The permittee shall:

- A. Keep copies of the permit application, permit, closure and post-closure plans. Check them annually to make sure they remain relevant.
- B. Keep copies of training procedures, visual monitoring checklists, and annual inspections.
- C. Fix any problems discovered during regular monitoring and annual inspections.
- D. Collect a composite sample of the sludge at the facility promptly after pumping the lagoon in preparation for closure. The sample should be analyzed for fecal coliform and the following total recoverable metals on a dry-weight basis: arsenic, chromium, and nickel. The applicant must provide the Department with a copy of the analytical results within 15 days of receipt.

The following limits apply for total metals in the waste:

Arsenic: 73 mg/kg

Chromium: 600 mg/kg

Nickel: 420 mg/kg.

The Department may modify this permit if any of these limits are exceeded. The modification will include requiring surface water monitoring at the facility, which is conditionally waived in Appendix B.

#### V. FACILITY CLOSURE

The permittee shall:

- A. Perform annual post-closure monitoring as described in the permit application for five years after closure of the facility.

- B. Record a notation on the deed to the property that includes the items listed in 18 AAC 60.490 and inform the Department in writing when this is accomplished.

## **APPENDIX B: WAIVERS**

The applicant applied for the following waivers in the permit application. This section lists each waiver requested and the Department's decision on whether or not to grant the waiver.

- 1) Waiver from 18 AAC 60.800(b) and 18 AAC 60.470(j)(3) – Methane monitoring. The Department hereby grants this waiver.
  
- 2) Waiver from 18 AAC 60.810 – Surface water monitoring. The Department conditionally waives the surface water monitoring requirement. This waiver will automatically become permanent if sludge monitoring results do not exceed the limits listed in Appendix A Part IV.D. Conversely, the Department will modify this permit if the sludge metals concentrations exceed these limits and may require surface water monitoring.
  
- 3) Waiver from permit fee because project is a Village Safe Water project. The Department does not grant this waiver. The applicant is responsible for paying all charges associated with processing this permit. The Department's fee schedules are included in 18 AAC 60.700.

## **APPENDIX C: GENERAL CONDITIONS**

### **I. ACCESS AND INSPECTION**

The Permittee shall allow the Commissioner or his representative access to the permitted facilities at reasonable times to conduct scheduled or unscheduled inspections or tests to determine compliance with this permit, State laws, and regulations.

### **II. INFORMATION ACCESS**

Except for information relating to confidential processes or methods of manufacture, all records and reports submitted in accordance with the terms of this permit shall be available for public inspection at the State of Alaska, Department of Environmental Conservation, 555 Cordova Street, Anchorage, AK 99501.

### **III. CIVIL AND CRIMINAL LIABILITY**

Nothing in this permit shall relieve the permittee from civil or criminal penalties for noncompliance, whether or not such noncompliance is due to factors beyond his control, including, but not limited to, accidents, equipment breakdowns, or labor disputes.

### **IV. AVAILABILITY**

The permittee shall post or maintain a copy of this permit available to the public at the disposal facility.

### **V. ADVERSE IMPACT**

The permittee shall take all necessary means to minimize any adverse impacts to the receiving waters or lands resulting from noncompliance with any limitation specified in this permit, including any additional monitoring needed to determine the nature and impact of the noncomplying activity. The permittee shall clean up and restore all areas adversely impacted by the noncompliance.

### **VI. CULTURAL OR PALEONTOLOGICAL RESOURCES**

Should cultural or paleontological resources be discovered as a result of this activity, work which would disturb such resources is to be stopped, and the State Historic Preservation Office, Division of Parks and Outdoor Recreation, Department of Natural Resources, is to be notified immediately (907-269-8721).

### **VII. APPLICATIONS FOR RENEWAL**

In accordance with 18 AAC 15.100(d), applications for renewal or amendment of this permit must be made no later than 30 days before the expiration date of the permit or the planned effective date of the amendment.

### **VIII. OTHER LEGAL OBLIGATIONS**

The requirements, duties, and obligations set forth in this permit are in addition to any requirements, duties, or obligations contained in any permit that the Alaska Department of Environmental Conservation or the U.S. Environmental Protection Agency has issued or may issue to the permittee. This permit does not relieve the permittee from the duty to obtain any and all necessary permits and to comply with the requirements contained in any such permit or with applicable state and federal laws and regulations. All activities conducted by the permittee pursuant to the terms of this permit and all plans implemented by the permittee pursuant to the terms of this permit shall comply with all applicable state and federal laws and regulations.

### **IX. POLLUTION PREVENTION**

In order to prevent and minimize present and future pollution, when making management decisions that affect waste

generation, the permittee shall consider the following order of priority options: waste source reduction; recycling of waste; waste treatment; and waste disposal